



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

California State Office  
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November 8, 2001

In Reply Refer To:

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Instruction Memorandum No. CA 2002-006

Expires: 9/30/03

To: AFO's

From: State Director

Subject: Revision of California Special Status Plant List

**DD: 12/14/01**

Recently the California Native Plant Society (CNPS) released their long overdue 6<sup>th</sup> Edition of the *Inventory of Rare and Endangered Plants of California*. As a result, it is time to update the California BLM sensitive plant list. BLM policy (BLM Manual Supplement 6840.06) states that all plant species on List 1B (Plants, Rare, Threatened or Endangered in California and Elsewhere) of the most recent edition of the California Native Plant Society's *Inventory of Rare and Endangered Plants of California* that are on BLM lands or affected by BLM actions (and are not already Federally listed as Threatened or Endangered, proposed for Federal listing in the Federal Candidate list, or State listed as Rare, Threatened or Endangered), are designated as sensitive species in California. Therefore, any plants currently listed as 1B within the 6<sup>th</sup> edition of the *Inventory*, are now considered BLM sensitive species. In addition, other plants not currently listed as 1B species may be designated as sensitive in accordance with the following procedure:

- The request must demonstrate clearly that designation of the species as sensitive is warranted, and be based on biological information for the species and its habitat.
- Should detail threats or potential threats to species and its habitats and how the special management afforded by designation will help the species.

Therefore, a paragraph detailing the known information, and potential threats should be completed for each species requested for addition to the sensitive species list. The requests will then be forwarded on the State Director for signature.

Attached are three documents for your use. The List Changes document is a table, highlighting the obvious changes found in the 6<sup>th</sup> Inventory. The All Offices File contains the current s

sensitive plant list, by state State Office staff, with status information and the Field Office within which each species is suspected or known to occur. Finally, List 1B documents contains an alphabetical list of all 1B plants within the new inventory. Please use these documents to help provide the following information:

- Review the List Changes document, and provide comments. Recommendation will be followed unless a case is made for the species to remain on the sensitive species list.
- Review the current State Sensitive Species List and document any incorrect information, or changes which need to be made (i.e., new field office, change from a known to suspected etc.).
- Provide documentation for additional plants, other than List 1B, state and federally listed species, that you would like to add to the sensitive list, following the criteria provided above.

As you are aware the official special status plant list includes the category “suspected”. We intend to continue this practice because it allows the Field Offices to document potential occurrences that staff and contractors should include in plant surveys. We caution you, however, to be judicious in what plants you include in you list of suspected species. You should include only those plants you consider to have a high likelihood of occurring in BLM lands.

Please submit the requested information or any questions to John Willoughby or Allison Sanger by December 14, 2001.

**Signed**  
**James Wesley Abbott**  
**Acting State Director**

Authenticated  
Louise Tichy  
Records Management

3 Attachments

- 1 - 6<sup>th</sup> Edition 1B (19 pp.)
- 2 - List changes (3 pp.)
- 3 - All Offices Chart (Excel)

NAME	LIST	RED_CODE
<i>Abies bracteata</i>	1B	3-1-3
<i>Abronia alpina</i>	1B	3-3-3
<i>Abronia umbellata</i> ssp. <i>breviflora</i>	1B	2-3-2
<i>Abronia villosa</i> var. <i>aurita</i>	1B	2-3-3
<i>Acanthomintha duttonii</i>		1B 3-3-3
<i>Acanthomintha ilicifolia</i>	1B	2-3-2
<i>Agave utahensis</i> var. <i>eborispina</i>	1B	3-1-2
<i>Agrostis blasdalei</i>	1B	3-2-3
<i>Agrostis hooveri</i>	1B	2-2-3
<i>Allium hickmanii</i>	1B	2-2-3
<i>Allium howellii</i> var. <i>clokeyi</i>	1B	2-1-3
<i>Allium jepsonii</i>	1B	3-2-3
<i>Allium marvinii</i>	1B	3-3-3
<i>Allium munzii</i>	1B	3-3-3
<i>Allium peninsulare</i> var. <i>franciscanum</i>	1B	2-2-3
<i>Allium sharsmithae</i>	1B	2-1-3
<i>Allium shevockii</i>	1B	3-1-3
<i>Allium tribracteatum</i>	1B	3-2-3
<i>Allium tuolumnense</i>	1B	2-2-3
<i>Allium yosemitense</i>	1B	2-1-3
<i>Alopecurus aequalis</i> var. <i>sonomensis</i>	1B	3-3-3
<i>Ambrosia pumila</i>	1B	3-3-2
<i>Amorpha californica</i> var. <i>napensis</i>	1B	2-2-3
<i>Amsinckia grandiflora</i>	1B	3-3-3
<i>Amsinckia lunaris</i>	1B	2-2-3
<i>Anisocarpus scabridus</i>	1B	2-1-3
<i>Aphanisma blitoides</i>	1B	2-2-2
<i>Arabis bodiensis</i>	1B	2-1-2
<i>Arabis breweri</i> var. <i>pecuniaria</i>	1B	3-2-3
<i>Arabis constancei</i>	1B	2-3-3
<i>Arabis hirshbergiae</i>	1B	3-2-3
<i>Arabis hoffmannii</i>	1B	3-3-3
<i>Arabis johnstonii</i>	1B	3-2-3
<i>Arabis koehleri</i> var. <i>stipitata</i>	1B	3-1-2
<i>Arabis macdonaldiana</i>	1B	2-3-2
<i>Arabis parishii</i>	1B	2-2-3
<i>Arabis pinzlae</i>	1B	3-1-2
<i>Arabis rigidissima</i> var. <i>demota</i>	1B	3-2-2
<i>Arabis tiehmii</i>	1B	3-1-2
<i>Arctostaphylos andersonii</i>	1B	2-2-3
<i>Arctostaphylos auriculata</i>	1B	3-1-3
<i>Arctostaphylos bakeri</i> ssp. <i>bakeri</i>	1B	3-3-3
<i>Arctostaphylos bakeri</i> ssp. <i>sublaevis</i>	1B	3-2-3
<i>Arctostaphylos canescens</i> ssp. <i>sonomensis</i>	1B	2-2-3
<i>Arctostaphylos catalinae</i>	1B	2-2-3
<i>Arctostaphylos confertiflora</i>	1B	3-2-3
<i>Arctostaphylos cruzensis</i>	1B	2-2-3
<i>Arctostaphylos densiflora</i>	1B	3-3-3
<i>Arctostaphylos edmundsii</i>	1B	3-2-3
<i>Arctostaphylos gabrielensis</i>	1B	3-2-3
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>	1B	3-3-2
<i>Arctostaphylos glutinosa</i>	1B	3-2-3
<i>Arctostaphylos hookeri</i> ssp. <i>hearstiorum</i>	1B	3-2-3
		Attachment 1-1
<i>Arctostaphylos hookeri</i> ssp. <i>hookeri</i>	1B	2-2-3

<i>Arctostaphylos hookeri</i> ssp. <i>montana</i>	1B	3-1-3
<i>Arctostaphylos hookeri</i> ssp. <i>ravenii</i>	1B	3-3-3
<i>Arctostaphylos imbricata</i>	1B	3-3-3
<i>Arctostaphylos klamathensis</i>	1B	3-2-3
<i>Arctostaphylos luciana</i>	1B	2-2-3
<i>Arctostaphylos manzanita</i> ssp. <i>elegans</i>	1B	2-1-3
<i>Arctostaphylos manzanita</i> ssp. <i>laevigata</i>	1B	3-2-3
<i>Arctostaphylos mendocinoensis</i>	1B	3-2-3
<i>Arctostaphylos montaraensis</i>	1B	3-2-3
<i>Arctostaphylos montereyensis</i>	1B	3-2-3
<i>Arctostaphylos morroensis</i>	1B	2-3-3
<i>Arctostaphylos myrtifolia</i>	1B	2-2-3
<i>Arctostaphylos nissenana</i>	1B	3-2-3
<i>Arctostaphylos osoensis</i>	1B	3-2-3
<i>Arctostaphylos otayensis</i>	1B	3-2-3
<i>Arctostaphylos pajaroensis</i>	1B	2-3-3
<i>Arctostaphylos pallida</i>	1B	3-3-3
<i>Arctostaphylos pechoensis</i>	1B	2-2-3
<i>Arctostaphylos pilosula</i>	1B	3-2-3
<i>Arctostaphylos pumila</i>	1B	3-2-3
<i>Arctostaphylos purissima</i>	1B	2-3-3
<i>Arctostaphylos rainbowensis</i>	1B	3-3-3
<i>Arctostaphylos refugioensis</i>	1B	2-2-3
<i>Arctostaphylos regismontana</i>	1B	2-2-3
<i>Arctostaphylos rudis</i>	1B	2-2-3
<i>Arctostaphylos silvicola</i>	1B	2-2-3
<i>Arctostaphylos stanfordiana</i> ssp. <i>decumbens</i>	1B	3-3-3
<i>Arctostaphylos stanfordiana</i> ssp. <i>raichei</i>	1B	2-3-3
<i>Arctostaphylos tomentosa</i> ssp. <i>daciticola</i>	1B	3-3-3
<i>Arctostaphylos tomentosa</i> ssp. <i>eastwoodiana</i>	1B	2-3-3
<i>Arctostaphylos virgata</i>	1B	2-2-3
<i>Arctostaphylos wellsii</i>	1B	2-3-3
<i>Arenaria congesta</i> var. <i>charlestonensis</i>	1B	3-1-2
<i>Arenaria macradenia</i> var. <i>kuschei</i>	1B	3-3-3
<i>Arenaria paludicola</i>	1B	3-3-2
<i>Arenaria ursina</i>	1B	2-2-3
<i>Aristocapsa insignis</i>	1B	2-2-3
<i>Aster greatae</i>	1B	2-1-3
<i>Aster lentus</i>	1B	2-2-3
<i>Astragalus agnicidus</i>	1B	3-3-3
<i>Astragalus albens</i>	1B	3-3-3
<i>Astragalus anxius</i>	1B	3-1-3
<i>Astragalus atratus</i> var. <i>mensanus</i>	1B	2-3-3
<i>Astragalus brauntonii</i>	1B	3-3-3
<i>Astragalus cimae</i> var. <i>cimae</i>	1B	3-2-2
<i>Astragalus cimae</i> var. <i>sufflatus</i>	1B	2-1-3
<i>Astragalus clarianus</i>	1B	3-3-3
<i>Astragalus deanei</i>	1B	3-3-3
<i>Astragalus didymocarpus</i> var. <i>milesianus</i>	1B	2-2-3
<i>Astragalus douglasii</i> var. <i>perstrictus</i>	1B	2-2-2
<i>Astragalus ertterae</i>	1B	3-1-3
<i>Astragalus funereus</i>	1B	3-2-2
<i>Astragalus gilmanii</i>	1B	2-2-2

Attachment 1-2

<i>Astragalus jaegerianus</i>	1B	3-3-3
<i>Astragalus johannis-howellii</i>	1B	2-2-2

Astragalus lemmonii	1B	2-2-2
Astragalus lentiformis	1B	3-2-3
Astragalus lentiginosus var. antonius	1B	3-1-3
Astragalus lentiginosus var. coachellae	1B	2-2-3
Astragalus lentiginosus var. kernensis	1B	2-2-2
Astragalus lentiginosus var. micans	1B	3-2-3
Astragalus lentiginosus var. piscinensis	1B	3-3-3
Astragalus lentiginosus var. sesquimetralis	1B	3-3-2
Astragalus lentiginosus var. sierrae	1B	2-2-3
Astragalus leucolobus	1B	2-2-3
Astragalus magdalenae var. peirsonii	1B	2-2-2
Astragalus monoensis var. monoensis	1B	2-2-3
Astragalus monoensis var. ravenii	1B	3-1-3
Astragalus nevinii	1B	2-2-3
Astragalus oocarpus	1B	3-2-3
Astragalus oophorus var. lavinii	1B	3-2-2
Astragalus pachypus var. jaegeri	1B	3-3-3
Astragalus preussii var. laxiflorus	1B	3-3-2
Astragalus pseudiodanthus	1B	3-2-2
Astragalus pulsiferae var. pulsiferae	1B	3-2-2
Astragalus pulsiferae var. suksdorfii	1B	2-2-2
Astragalus pycnostachyus var. lanosissimus	1B	3-3-3
Astragalus pycnostachyus var. pycnostachyus	1B	3-2-3
Astragalus rattanii var. jepsonianus	1B	2-2-3
Astragalus shevockii	1B	3-1-3
Astragalus tener var. ferrisiae	1B	3-3-3
Astragalus tener var. tener	1B	3-2-3
Astragalus tener var. titi	1B	3-3-3
Astragalus traskiae	1B	3-2-3
Astragalus tricarinatus	1B	3-2-3
Astragalus webberi	1B	3-2-3
Atriplex cordulata	1B	2-2-3
Atriplex coronata var. notatior	1B	3-3-3
Atriplex coulteri	1B	2-2-2
Atriplex depressa	1B	2-2-3
Atriplex erecticaulis	1B	2-2-3
Atriplex joaquiniana	1B	2-2-3
Atriplex minuscula	1B	3-3-3
Atriplex pacifica	1B	3-2-2
Atriplex parishii	1B	3-3-2
Atriplex persistens	1B	2-2-3
Atriplex serenana var. davidsonii	1B	3-2-2
Atriplex subtilis	1B	2-2-3
Atriplex tularensis	1B	3-3-3
Atriplex vallicola	1B	2-2-3
Baccharis malibuensis	1B	3-3-3
Baccharis plummerae ssp. glabrata	1B	3-2-3
Baccharis vanessae	1B	2-3-3
Balsamorhiza hookeri var. lanata	1B	2-2-3
Balsamorhiza macrolepis var. macrolepis	1B	2-2-3
Balsamorhiza sericea	1B	2-1-2
Bensoniella oregona	1B	3-3-2

Attachment 1-3

Berberis nevinii	1B	3-3-3
Berberis pinnata ssp. insularis	1B	3-2-3
Blennosperma bakeri	1B	2-3-3

<i>Blennosperma nanum</i> var. <i>robustum</i>	1B	3-2-3
<i>Blepharizonia plumosa</i> ssp. <i>plumosa</i>	1B	3-3-3
<i>Bloomeria humilis</i>	1B	3-2-3
<i>Botrychium lineare</i>	1B	3-1-2
<i>Brodiaea californica</i> var. <i>leptandra</i>	1B	2-2-3
<i>Brodiaea coronaria</i> ssp. <i>rosea</i>	1B	3-3-3
<i>Brodiaea filifolia</i>	1B	3-3-3
<i>Brodiaea insignis</i>	1B	2-2-3
<i>Brodiaea kinkiensis</i>	1B	3-2-3
<i>Brodiaea orcuttii</i>	1B	1-3-2
<i>Brodiaea pallida</i>	1B	3-3-3
<i>Calamagrostis bolanderi</i>	1B	2-2-3
<i>Calochortus clavatus</i> var. <i>avius</i>	1B	2-2-3
<i>Calochortus clavatus</i> var. <i>gracilis</i>	1B	3-2-3
<i>Calochortus clavatus</i> var. <i>recurvifolius</i>	1B	3-2-3
<i>Calochortus dunnii</i>	1B	2-2-2
<i>Calochortus excavatus</i>	1B	2-3-3
<i>Calochortus greenei</i>	1B	3-2-2
<i>Calochortus longebarbatus</i> var. <i>longebarbatus</i>	1B	1-2-1
<i>Calochortus obispoensis</i>	1B	2-2-3
<i>Calochortus palmeri</i> var. <i>munzii</i>	1B	3-2-3
<i>Calochortus palmeri</i> var. <i>palmeri</i>	1B	2-2-3
<i>Calochortus persistens</i>	1B	3-3-3
<i>Calochortus plummerae</i>	1B	2-2-3
<i>Calochortus pulchellus</i>	1B	2-2-3
<i>Calochortus raichei</i>	1B	3-2-3
<i>Calochortus simulans</i>	1B	2-1-3
<i>Calochortus striatus</i>	1B	2-2-2
<i>Calochortus tiburonensis</i>	1B	3-3-3
<i>Calochortus weedii</i> var. <i>intermedius</i>	1B	2-2-3
<i>Calochortus weedii</i> var. <i>vestus</i>	1B	2-2-3
<i>Calochortus westonii</i>	1B	2-2-3
<i>Calycadenia hooveri</i>	1B	2-1-3
<i>Calycadenia oppositifolia</i>	1B	2-2-3
<i>Calycadenia villosa</i>	1B	2-3-3
<i>Calyptridium pulchellum</i>	1B	3-3-3
<i>Calystegia atriplicifolia</i> ssp. <i>buttensis</i>	1B	2-1-3
<i>Calystegia purpurata</i> ssp. <i>saxicola</i>	1B	2-2-3
<i>Calystegia stebbinsii</i>	1B	3-3-3
<i>Calystegia subacaulis</i> ssp. <i>episcopalis</i>	1B	3-2-3
<i>Camissonia benitensis</i>	1B	3-3-3
<i>Camissonia guadalupensis</i> ssp. <i>clementina</i>	1B	3-2-3
<i>Camissonia hardhamiae</i>	1B	3-2-3
<i>Camissonia integrifolia</i>	1B	2-1-3
<i>Camissonia sierrae</i> ssp. <i>alticola</i>	1B	2-2-3
<i>Campanula californica</i>	1B	2-2-3
<i>Campanula exigua</i>	1B	2-2-3
<i>Campanula sharsmithiae</i>	1B	3-2-3
<i>Campanula shetleri</i>	1B	3-1-3
<i>Campanula wilkinsiana</i>	1B	2-2-3
<i>Cardamine nuttallii</i> var. <i>gemmata</i>	1B	3-1-2

Attachment 1-4

<i>Carex albida</i>	1B	3-3-3
- <i>Carex obispoensis</i>	1B	2-2-3
<i>Carex saliniformis</i>	1B	2-2-3
<i>Carex tiogana</i>	1B	3-1-3

<i>Carlquistia muirii</i>	1B	2-1-3
<i>Carpenteria californica</i>	1B	3-2-3
<i>Castilleja affinis</i> ssp. <i>neglecta</i>	1B	3-2-3
<i>Castilleja ambigua</i> ssp. <i>humboldtiensis</i>	1B	2-2-3
<i>Castilleja campestris</i> ssp. <i>succulenta</i>	1B	2-2-3
<i>Castilleja cinerea</i>	1B	2-2-3
<i>Castilleja densiflora</i> ssp. <i>obispoensis</i>	1B	2-2-3
<i>Castilleja gleasonii</i>	1B	3-2-3
<i>Castilleja grisea</i>	1B	2-2-3
<i>Castilleja lanata</i> ssp. <i>hololeuca</i>	1B	2-2-3
<i>Castilleja lasiorhyncha</i>	1B	2-2-3
<i>Castilleja mendocinensis</i>	1B	2-2-3
<i>Castilleja mollis</i>	1B	3-3-3
<i>Castilleja rubicundula</i> ssp. <i>rubicundula</i>	1B	2-2-3
<i>Caulanthus amplexicaulis</i> var. <i>barbarae</i>	1B	3-1-3
<i>Caulanthus californicus</i>	1B	3-3-3
<i>Caulanthus coulteri</i> var. <i>lemmonii</i>	1B	2-2-3
<i>Caulostramina jaegeri</i>	1B	3-2-3
<i>Ceanothus confusus</i>	1B	3-3-3
<i>Ceanothus cyaneus</i>	1B	3-2-2
<i>Ceanothus divergens</i>	1B	3-2-3
<i>Ceanothus ferrisae</i>	1B	3-3-3
<i>Ceanothus foliosus</i> var. <i>vineatus</i>	1B	3-3-3
<i>Ceanothus gloriosus</i> var. <i>porrectus</i>	1B	3-1-3
<i>Ceanothus hearstiorum</i>	1B	3-2-3
<i>Ceanothus maritimus</i>	1B	3-2-3
<i>Ceanothus masonii</i>	1B	3-2-3
<i>Ceanothus ophiochilus</i>	1B	3-3-3
<i>Ceanothus otayensis</i>	1B	3-2-2
<i>Ceanothus purpureus</i>	1B	2-2-3
<i>Ceanothus roderickii</i>	1B	3-2-3
<i>Ceanothus sonomensis</i>	1B	3-2-3
<i>Centromadia parryi</i> ssp. <i>australis</i>	1B	3-3-2
<i>Centromadia parryi</i> ssp. <i>congdonii</i>	1B	3-3-3
<i>Centromadia pungens</i> ssp. <i>laevis</i>	1B	2-3-3
<i>Cercocarpus traskiae</i>	1B	3-3-3
<i>Chaenactis carphoclinia</i> var. <i>peirsonii</i>	1B	2-1-3
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i>	1B	2-3-2
<i>Chaenactis parishii</i>	1B	2-1-2
<i>Chaenactis suffrutescens</i>	1B	2-1-3
<i>Chamaesyce hooveri</i>	1B	3-2-3
<i>Chamaesyce ocellata</i> ssp. <i>rattanii</i>	1B	2-2-3
<i>Chamaesyce platysperma</i>	1B	3-2-2
<i>Chlorogalum grandiflorum</i>	1B	2-2-3
<i>Chlorogalum pomeridianum</i> var. <i>minus</i>	1B	2-2-3
<i>Chlorogalum purpureum</i> var. <i>purpureum</i>	1B	3-3-3
<i>Chlorogalum purpureum</i> var. <i>reductum</i>	1B	3-3-3
<i>Chorizanthe biloba</i> var. <i>immemora</i>	1B	3-2-3
<i>Chorizanthe blakleyi</i>	1B	2-1-3
<i>Chorizanthe breweri</i>	1B	3-1-3

Attachment 1-5

<i>Chorizanthe cuspidata</i> var. <i>cuspidata</i>	1B	2-2-3
<i>Chorizanthe cuspidata</i> var. <i>villosa</i>	1B	3-2-3
<i>Chorizanthe howellii</i>	1B	3-2-3
<i>Chorizanthe orcuttiana</i>	1B	3-3-3
<i>Chorizanthe parryi</i> var. <i>fernandina</i>	1B	3-3-3

Chorizanthe polygonoides var. longispina	1B	2-2-2
Chorizanthe pungens var. hartwegiana	1B	2-3-3
Chorizanthe pungens var. pungens	1B	2-2-3
Chorizanthe rectispina	1B	3-1-3
Chorizanthe robusta var. hartwegii	1B	3-3-3
Chorizanthe robusta var. robusta	1B	3-3-3
Chorizanthe valida	1B	3-3-3
Chorizanthe xanti var. leucotheca	1B	2-2-3
Cirsium andrewsii	1B	2-2-3
Cirsium crassicaule	1B	3-3-3
Cirsium fontinale var. campylon	1B	2-2-3
Cirsium fontinale var. fontinale	1B	3-3-3
Cirsium fontinale var. obispoense	1B	3-2-3
Cirsium hydrophilum var. hydrophilum	1B	3-3-3
Cirsium hydrophilum var. vaseyi	1B	3-2-3
Cirsium loncholepis	1B	3-3-3
Cirsium occidentale var. compactum	1B	2-2-3
Cirsium rorthophilum	1B	2-2-3
Clarkia amoena ssp. whitneyi	1B	3-3-3
Clarkia australis	1B	2-2-3
Clarkia biloba ssp. australis	1B	3-2-3
Clarkia biloba ssp. brandegeae	1B	2-2-3
Clarkia borealis ssp. arida	1B	3-3-3
Clarkia borealis ssp. borealis	1B	2-1-3
Clarkia concinna ssp. raichei	1B	3-3-3
Clarkia delicata	1B	2-2-2
Clarkia franciscana	1B	3-3-3
Clarkia gracilis ssp. albicaulis	1B	3-2-3
Clarkia imbricata	1B	3-3-3
Clarkia jolonensis	1B	3-2-3
Clarkia lingulata	1B	3-3-3
Clarkia mildrediae ssp. mildrediae	1B	2-1-3
Clarkia mosquinii	1B	3-3-3
Clarkia rostrata	1B	2-1-3
Clarkia speciosa ssp. immaculata	1B	3-3-3
Clarkia springvillensis	1B	3-2-3
Clarkia tembloriensis ssp. calientensis	1B	3-3-3
Clarkia xantiana ssp. parviflora	1B	3-2-3
Claytonia lanceolata var. peirsonii	1B	3-3-3
Collinsia corymbosa	1B	2-2-3
Collinsia multicolor	1B	2-2-3
Collomia rawsoniana	1B	2-2-3
Comarostaphylis diversifolia ssp. diversifoli	1B	2-2-2
Cordylanthus eremicus ssp. kernensis	1B	2-1-3
Cordylanthus maritimus ssp. maritimus	1B	2-2-2
Cordylanthus maritimus ssp. palustris	1B	2-2-2
Cordylanthus mollis ssp. hispidus	1B	2-3-3
Cordylanthus mollis ssp. mollis	1B	3-2-3
Cordylanthus nidularius	1B	3-3-3

Attachment 1-6

Cordylanthus palmatus	1B	3-3-3
Cordylanthus rigidus ssp. littoralis	1B	2-3-3
Cordylanthus tecopensis	1B	3-2-2
Cordylanthus tenuis ssp. capillaris	1B	3-2-3
Cordylanthus tenuis ssp. pallescens	1B	3-2-3
Coreopsis hamiltonii	1B	3-2-3

<i>Corethrogyne filaginifolia</i> var. <i>incana</i>	1B	3-3-2
<i>Corethrogyne filaginifolia</i> var. <i>linifolia</i>	1B	3-3-3
<i>Crossosoma californicum</i>	1B	2-2-2
<i>Cryptantha clevelandii</i> var. <i>dissita</i>	1B	2-2-3
<i>Cryptantha clokeyi</i>	1B	3-3-3
<i>Cryptantha crinita</i>	1B	3-2-3
<i>Cryptantha crymophila</i>	1B	2-1-3
<i>Cryptantha ganderi</i>	1B	3-3-2
<i>Cryptantha hooveri</i>	1B	2-2-3
<i>Cryptantha incana</i>	1B	3-1-3
<i>Cryptantha mariposae</i>	1B	2-1-3
<i>Cryptantha roosiorum</i>	1B	3-2-3
<i>Cryptantha traskiae</i>	1B	3-2-3
<i>Cupressus abramsiana</i>	1B	3-2-3
<i>Cupressus arizonica</i> ssp. <i>nevadensis</i>	1B	2-2-3
<i>Cupressus forbesii</i>	1B	3-3-2
<i>Cupressus goveniana</i> ssp. <i>goveniana</i>	1B	3-2-3
<i>Cupressus goveniana</i> ssp. <i>pigmaea</i>	1B	2-2-3
<i>Cupressus macrocarpa</i>	1B	3-2-3
<i>Cupressus stephensonii</i>	1B	3-3-3
<i>Cusickiella quadricostata</i>	1B	2-2-2
<i>Cymopterus deserticola</i>	1B	3-2-3
<i>Cymopterus ripleyi</i> var. <i>saniculoides</i>	1B	3-2-2
<i>Dedeckera eurekaensis</i>	1B	2-1-3
<i>Deinandra arida</i>	1B	3-2-3
<i>Deinandra bacigalupi</i>	1B	3-2-3
<i>Deinandra conjugens</i>	1B	3-3-2
<i>Deinandra floribunda</i>	1B	2-2-2
<i>Deinandra halliana</i>	1B	3-3-3
<i>Deinandra increscens</i> ssp. <i>foliosa</i>	1B	2-2-3
<i>Deinandra increscens</i> ssp. <i>villosa</i>	1B	3-3-3
<i>Deinandra minthornii</i>	1B	2-2-3
<i>Deinandra mohavensis</i>	1B	2-1-3
<i>Delphinium bakeri</i>	1B	3-3-3
<i>Delphinium californicum</i> ssp. <i>interius</i>	1B	3-2-3
<i>Delphinium hesperium</i> ssp. <i>cuyamaca</i>	1B	2-2-3
<i>Delphinium hutchinsoniae</i>	1B	3-2-3
<i>Delphinium luteum</i>	1B	3-3-3
<i>Delphinium parryi</i> ssp. <i>blochmaniae</i>	1B	3-2-3
<i>Delphinium purpusii</i>	1B	2-1-3
<i>Delphinium recurvatum</i>	1B	2-2-3
<i>Delphinium umbraculorum</i>	1B	2-1-3
<i>Delphinium variegatum</i> ssp. <i>kinkiense</i>	1B	3-3-3
<i>Delphinium variegatum</i> ssp. <i>thornei</i>	1B	3-3-3
<i>Dendromecon harfordii</i> var. <i>rhamnoides</i>	1B	3-3-3
<i>Dichanthelium lanuginosum</i> var. <i>thermale</i>	1B	3-3-3
<i>Dirca occidentalis</i>	1B	2-2-3
<i>Dithyrea maritima</i>	1B	3-3-2

Attachment 1-7

<i>Dodecahema leptoceras</i>	1B	3-3-3
<i>Downingia concolor</i> var. <i>brevior</i>	1B	3-3-3
<i>Draba asterophora</i> var. <i>asterophora</i>	1B	3-1-2
<i>Draba asterophora</i> var. <i>macrocarpa</i>	1B	3-1-3
<i>Draba aureola</i>	1B	3-1-2
<i>Draba carnosula</i>	1B	3-1-3
<i>Draba corrugata</i> var. <i>saxosa</i>	1B	2-1-3

<i>Draba cruciata</i>	1B	2-1-3
<i>Draba incrassata</i>	1B	2-1-3
<i>Draba monoensis</i>	1B	2-2-3
<i>Draba sharsmithii</i>	1B	3-1-3
<i>Draba sierrae</i>	1B	2-1-3
<i>Dudleya abramsii</i> ssp. <i>affinis</i>	1B	2-2-3
<i>Dudleya abramsii</i> ssp. <i>bettinae</i>	1B	3-2-3
<i>Dudleya abramsii</i> ssp. <i>murina</i>	1B	2-1-3
<i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i>	1B	2-3-2
<i>Dudleya blochmaniae</i> ssp. <i>insularis</i>	1B	3-3-3
<i>Dudleya brevifolia</i>	1B	3-3-3
<i>Dudleya candelabrum</i>	1B	2-2-3
<i>Dudleya cymosa</i> ssp. <i>agourensis</i>	1B	3-2-3
<i>Dudleya cymosa</i> ssp. <i>costafolia</i>	1B	3-2-3
<i>Dudleya cymosa</i> ssp. <i>crebrifolia</i>	1B	3-2-3
<i>Dudleya cymosa</i> ssp. <i>marcescens</i>	1B	3-2-3
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	1B	3-2-3
<i>Dudleya densiflora</i>	1B	3-3-3
<i>Dudleya gnoma</i>	1B	3-3-3
<i>Dudleya multicaulis</i>	1B	1-2-3
<i>Dudleya nesiotica</i>	1B	3-3-3
<i>Dudleya parva</i>	1B	3-2-3
<i>Dudleya saxosa</i> ssp. <i>saxosa</i>	1B	2-1-3
<i>Dudleya setchellii</i>	1B	3-3-3
<i>Dudleya stolonifera</i>	1B	3-3-3
<i>Dudleya traskiae</i>	1B	3-2-3
<i>Dudleya variegata</i>	1B	2-2-2
<i>Dudleya verityi</i>	1B	3-2-3
<i>Dudleya virens</i> ssp. <i>insularis</i>	1B	2-2-3
<i>Dudleya virens</i> ssp. <i>virens</i>	1B	2-2-2
<i>Dudleya viscida</i>	1B	2-2-3
<i>Echinocereus engelmannii</i> var. <i>howei</i>	1B	3-3-3
<i>Enceliopsis covillei</i>	1B	3-2-3
<i>Epilobium howellii</i>	1B	3-1-3
<i>Epilobium nivium</i>	1B	2-2-3
<i>Epilobium oreganum</i>	1B	2-2-2
<i>Epilobium siskiyouense</i>	1B	3-1-2
<i>Eremalche kernensis</i>	1B	3-3-3
<i>Eriastrum brandegeae</i>	1B	2-2-3
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	1B	3-3-3
<i>Eriastrum luteum</i>	1B	2-2-3
<i>Eriastrum tracyi</i>	1B	3-2-3
<i>Ericameria cuneata</i> var. <i>macrocephala</i>	1B	2-1-3
<i>Ericameria fasciculata</i>	1B	3-3-3
<i>Ericameria gilmanii</i>	1B	3-1-3
<i>Erigeron aequifolius</i>	1B	2-1-3
<i>Erigeron angustatus</i>	1B	2-2-3

Attachment 1-8

<i>Erigeron blochmaniae</i>	1B	2-2-3
<i>Erigeron calvus</i>	1B	3-3-3
<i>Erigeron inornatus</i> var. <i>keillii</i>	1B	3-1-3
<i>Erigeron miser</i>	1B	2-1-3
<i>Erigeron multiceps</i>	1B	3-2-3
<i>Erigeron parishii</i>	1B	2-3-3
<i>Erigeron serpentinus</i>	1B	3-1-3
<i>Erigeron supplex</i>	1B	3-2-3

<i>Eriodictyon altissimum</i>	1B	3-3-3
<i>Eriodictyon capitatum</i>	1B	3-2-3
<i>Eriogonum alpinum</i>	1B	3-1-3
<i>Eriogonum apricum</i> var. <i>apricum</i>	1B	3-3-3
<i>Eriogonum apricum</i> var. <i>prostratum</i>	1B	3-3-3
<i>Eriogonum bifurcatum</i>	1B	3-2-2
<i>Eriogonum breedlovei</i> var. <i>breedlovei</i>	1B	3-2-3
<i>Eriogonum butterworthianum</i>	1B	3-1-3
<i>Eriogonum crocatum</i>	1B	2-2-3
<i>Eriogonum eremicola</i>	1B	3-1-3
<i>Eriogonum ericifolium</i> var. <i>thornei</i>	1B	3-2-3
<i>Eriogonum foliosum</i>	1B	3-2-2
<i>Eriogonum giganteum</i> var. <i>compactum</i>	1B	3-1-3
<i>Eriogonum giganteum</i> var. <i>formosum</i>	1B	3-2-3
<i>Eriogonum gilmanii</i>	1B	2-1-3
<i>Eriogonum grande</i> var. <i>rubescens</i>	1B	2-2-3
<i>Eriogonum grande</i> var. <i>timorum</i>	1B	2-3-3
<i>Eriogonum hirtellum</i>	1B	2-1-3
<i>Eriogonum hoffmannii</i> var. <i>hoffmannii</i>	1B	2-1-3
<i>Eriogonum hoffmannii</i> var. <i>robustius</i>	1B	2-1-3
<i>Eriogonum intrafractum</i>	1B	3-1-3
<i>Eriogonum kelloggii</i>	1B	3-2-3
<i>Eriogonum kennedyi</i> var. <i>alpigenum</i>	1B	2-1-3
<i>Eriogonum kennedyi</i> var. <i>austromontanum</i>	1B	2-2-3
<i>Eriogonum kennedyi</i> var. <i>pinicola</i>	1B	3-3-3
<i>Eriogonum microthecum</i> var. <i>johnstonii</i>	1B	3-1-3
<i>Eriogonum microthecum</i> var. <i>panamintense</i>	1B	3-1-3
<i>Eriogonum nervulosum</i>	1B	3-2-3
<i>Eriogonum nortonii</i>	1B	2-1-3
<i>Eriogonum nudum</i> var. <i>decurrens</i>	1B	3-3-3
<i>Eriogonum nudum</i> var. <i>murinum</i>	1B	2-2-3
<i>Eriogonum nudum</i> var. <i>regirivum</i>	1B	3-2-3
<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	1B	3-3-3
<i>Eriogonum prociduum</i>	1B	2-2-2
<i>Eriogonum temblorense</i>	1B	2-2-3
<i>Eriogonum twisselmannii</i>	1B	2-2-3
<i>Eriogonum umbellatum</i> var. <i>glaberrimum</i>	1B	3-1-2
<i>Eriogonum umbellatum</i> var. <i>torreyanum</i>	1B	3-2-3
<i>Eriogonum wrightii</i> var. <i>olanchense</i>	1B	3-1-3
<i>Eriophyllum congdonii</i>	1B	2-2-3
<i>Eriophyllum lanatum</i> var. <i>hallii</i>	1B	3-3-3
<i>Eriophyllum latilobum</i>	1B	3-3-3
<i>Eriophyllum mohavense</i>	1B	2-2-3
<i>Eriophyllum nevinii</i>	1B	2-1-3
<i>Eriophyllum nubigenum</i>	1B	2-1-3
<i>Eryngium aristulatum</i> var. <i>hooveri</i>	1B	3-3-3

Attachment 1-9

<i>Eryngium aristulatum</i> var. <i>parishii</i>	1B	2-3-2
<i>Eryngium constancei</i>	1B	3-3-3
<i>Eryngium pendletonensis</i>	1B	3-3-3
<i>Eryngium pinnatisectum</i>	1B	2-2-3
<i>Eryngium racemosum</i>	1B	2-3-3
<i>Eryngium spinosepalum</i>	1B	3-2-3
<i>Erysimum ammophilum</i>	1B	2-2-3
<i>Erysimum capitatum</i> ssp. <i>angustatum</i>	1B	3-3-3
<i>Erysimum insulare</i> ssp. <i>insulare</i>	1B	2-1-3

<i>Erysimum menziesii</i> ssp. <i>eurekaense</i>	1B	3-3-3
<i>Erysimum menziesii</i> ssp. <i>menziesii</i>	1B	3-3-3
<i>Erysimum menziesii</i> ssp. <i>yadonii</i>	1B	3-3-3
<i>Erysimum teretifolium</i>	1B	2-3-3
<i>Erythronium citrinum</i> var. <i>roderickii</i>	1B	3-1-3
<i>Erythronium howellii</i>	1B	2-1-2
<i>Erythronium pluriflorum</i>	1B	2-1-3
<i>Erythronium pusaterii</i>	1B	3-1-3
<i>Erythronium taylorii</i>	1B	3-2-3
<i>Erythronium tuolumnense</i>	1B	2-2-3
<i>Eschscholzia lemmonii</i> ssp. <i>kernensis</i>	1B	3-3-3
<i>Eschscholzia minutiflora</i> ssp. <i>twisselmannii</i>	1B	3-2-3
<i>Eschscholzia rhombipetala</i>	1B	3-3-3
<i>Fremontodendron decumbens</i>	1B	3-2-3
<i>Fremontodendron mexicanum</i>	1B	3-3-2
<i>Fritillaria biflora</i> var. <i>ineziana</i>	1B	3-3-3
<i>Fritillaria brandegei</i>	1B	2-1-3
<i>Fritillaria falcata</i>	1B	3-2-3
<i>Fritillaria lanceolata</i> var. <i>tristulis</i>	1B	3-3-3
<i>Fritillaria liliacea</i>	1B	2-2-3
<i>Fritillaria ojaiensis</i>	1B	3-2-3
<i>Fritillaria pluriflora</i>	1B	2-2-3
<i>Fritillaria roderickii</i>	1B	3-3-3
<i>Fritillaria striata</i>	1B	3-3-3
<i>Fritillaria viridea</i>	1B	2-2-3
<i>Galium angustifolium</i> ssp. <i>borregoense</i>	1B	3-1-3
<i>Galium angustifolium</i> ssp. <i>jacinticum</i>	1B	3-1-3
<i>Galium angustifolium</i> ssp. <i>onycense</i>	1B	3-1-3
<i>Galium buxifolium</i>	1B	3-2-3
<i>Galium californicum</i> ssp. <i>luciense</i>	1B	3-1-3
<i>Galium californicum</i> ssp. <i>primum</i>	1B	3-2-3
<i>Galium californicum</i> ssp. <i>sierrae</i>	1B	3-2-3
<i>Galium catalinense</i> ssp. <i>acrispum</i>	1B	3-2-3
<i>Galium catalinense</i> ssp. <i>catalinense</i>	1B	2-2-3
<i>Galium clementis</i>	1B	2-1-3
<i>Galium glabrescens</i> ssp. <i>modocense</i>	1B	2-2-3
<i>Galium grande</i>	1B	3-1-3
<i>Galium hardhamiae</i>	1B	2-1-3
<i>Galium hilendiae</i> ssp. <i>carneum</i>	1B	2-1-3
<i>Galium hilendiae</i> ssp. <i>kingstonense</i>	1B	3-1-2
<i>Galium hypotrichium</i> ssp. <i>tomentellum</i>	1B	3-1-3
<i>Galium serpentium</i> ssp. <i>scotticum</i>	1B	2-2-3
<i>Galium serpentium</i> ssp. <i>warnerense</i>	1B	3-2-2
<i>Galvezia speciosa</i>	1B	2-2-2
<i>Gentiana setigera</i>	1B	3-2-2

Attachment 1-10

<i>Gilia capitata</i> ssp. <i>chamissonis</i>	1B	2-3-3
<i>Gilia capitata</i> ssp. <i>pacifica</i>	1B	2-2-2
<i>Gilia capitata</i> ssp. <i>tomentosa</i>	1B	3-3-3
<i>Gilia leptantha</i> ssp. <i>leptantha</i>	1B	2-1-3
<i>Gilia millefoliata</i>	1B	2-2-2
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	1B	3-2-3
<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i>	1B	3-3-3
<i>Gilia yorkii</i>	1B	3-2-3
<i>Gilmania luteola</i>	1B	3-1-3
<i>Githopsis tenella</i>	1B	2-1-3

<i>Glossopetalon pungens</i>	1B	3-2-2
<i>Gratiola heterosepala</i>	1B	1-2-2
<i>Grindelia fraxino-pratensis</i>	1B	3-2-2
<i>Grindelia hirsutula</i> var. <i>hallii</i>	1B	2-2-3
<i>Grindelia hirsutula</i> var. <i>maritima</i>	1B	2-2-3
<i>Harmonia doris-nilesiae</i>	1B	3-3-3
<i>Harmonia hallii</i>	1B	2-2-3
<i>Harmonia stebbinsii</i>	1B	3-2-3
<i>Hazardia cana</i>	1B	3-2-2
<i>Hazardia orcuttii</i>	1B	3-3-2
<i>Helianthella castanea</i>	1B	2-2-3
<i>Helianthemum greenei</i>	1B	3-2-3
<i>Helianthus niveus</i> ssp. <i>tephrodes</i>	1B	3-2-2
<i>Hesperolinon adenophyllum</i>	1B	2-2-3
<i>Hesperolinon bicarpellatum</i>	1B	2-2-3
<i>Hesperolinon breweri</i>	1B	2-2-3
<i>Hesperolinon congestum</i>	1B	3-3-3
<i>Hesperolinon didymocarpum</i>	1B	3-2-3
<i>Hesperolinon drymarioides</i>	1B	3-2-3
<i>Hesperolinon serpentinum</i>	1B	3-2-3
<i>Hesperolinon tehamense</i>	1B	3-1-3
<i>Heterotheca monarchensis</i>	1B	3-1-3
<i>Heterotheca shevockii</i>	1B	2-1-3
<i>Heuchera brevistaminea</i>	1B	3-1-3
<i>Heuchera hirsutissima</i>	1B	3-1-3
<i>Heuchera maxima</i>	1B	2-2-3
<i>Heuchera parishii</i>	1B	2-1-3
<i>Hoita strobilina</i>	1B	2-3-3
<i>Holocarpha macradenia</i>	1B	3-3-3
<i>Horkelia bolanderi</i>	1B	3-2-3
<i>Horkelia cuneata</i> ssp. <i>puberula</i>	1B	2-3-3
<i>Horkelia cuneata</i> ssp. <i>sericea</i>	1B	3-3-3
<i>Horkelia hendersonii</i>	1B	3-3-2
<i>Horkelia hispidula</i>	1B	3-1-3
<i>Horkelia marinensis</i>	1B	3-2-3
<i>Horkelia parryi</i>	1B	2-2-3
<i>Horkelia tenuiloba</i>	1B	2-2-3
<i>Horkelia truncata</i>	1B	3-1-2
<i>Horkelia tularensis</i>	1B	3-1-3
<i>Horkelia wilderae</i>	1B	3-3-3
<i>Hulsea brevifolia</i>	1B	2-2-3
<i>Hulsea californica</i>	1B	2-1-3
<i>Hulsea vestita</i> ssp. <i>pygmaea</i>	1B	2-1-3
<i>Iliamna bakeri</i>	1B	2-2-2

Attachment 1-11

<i>Iris hartwegii</i> ssp. <i>columbiana</i>	1B	2-2-3
<i>Iris munzii</i>	1B	2-1-3
<i>Isocoma arguta</i>	1B	3-3-3
<i>Isocoma menziesii</i> var. <i>decumbens</i>	1B	2-2-2
<i>Ivesia aperta</i> var. <i>aperta</i>	1B	2-2-2
<i>Ivesia aperta</i> var. <i>canina</i>	1B	3-3-3
<i>Ivesia argyrocoma</i>	1B	2-2-2
<i>Ivesia callida</i>	1B	3-1-3
<i>Ivesia campestris</i>	1B	2-2-3
<i>Ivesia jaegeri</i>	1B	3-1-2
<i>Ivesia kingii</i> var. <i>kingii</i>	1B	3-2-2

<i>Ivesia longibracteata</i>	1B	3-1-3
<i>Ivesia paniculata</i>	1B	2-2-3
<i>Ivesia patellifera</i>	1B	3-1-3
<i>Ivesia pickeringii</i>	1B	3-2-3
<i>Ivesia sericoleuca</i>	1B	1-2-3
<i>Ivesia webberi</i>	1B	3-3-2
<i>Juglans hindsii</i>	1B	3-3-3
<i>Juncus leiospermus</i> var. <i>ahartii</i>	1B	3-2-3
<i>Juncus leiospermus</i> var. <i>leiospermus</i>	1B	2-3-3
<i>Lasthenia burkei</i>	1B	3-3-3
<i>Lasthenia conjugens</i>	1B	3-3-3
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	1B	2-3-2
<i>Lasthenia macrantha</i> ssp. <i>bakeri</i>	1B	2-2-3
<i>Lasthenia macrantha</i> ssp. <i>macrantha</i>	1B	2-2-3
<i>Lathyrus biflorus</i>	1B	3-3-3
<i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	1B	2-2-3
<i>Lavatera assurgentiflora</i> ssp. <i>assurgentiflora</i>	1B	3-3-3
<i>Lavatera assurgentiflora</i> ssp. <i>glabra</i>	1B	3-3-3
<i>Layia carnosa</i>	1B	3-3-3
<i>Layia discoidea</i>	1B	2-3-3
<i>Layia heterotricha</i>	1B	3-3-3
<i>Layia jonesii</i>	1B	3-2-3
<i>Layia leucopappa</i>	1B	3-3-3
<i>Layia munzii</i>	1B	2-2-3
<i>Layia septentrionalis</i>	1B	2-2-3
<i>Legenere limosa</i>	1B	2-3-3
<i>Lepechinia cardiophylla</i>	1B	3-2-2
<i>Lepechinia ganderi</i>	1B	3-1-2
<i>Lepidium flavum</i> var. <i>felipense</i>	1B	3-2-3
<i>Lepidium jaredii</i> ssp. <i>album</i>	1B	3-2-3
<i>Lepidium jaredii</i> ssp. <i>jaredii</i>	1B	3-2-3
<i>Lepidium latipes</i> var. <i>heckardii</i>	1B	3-2-3
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	1B	3-2-2
<i>Leptodactylon jaegeri</i>	1B	2-2-3
<i>Lesquerella kingii</i> ssp. <i>bernardina</i>	1B	3-3-3
<i>Lessingia arachnoidea</i>	1B	3-2-3
<i>Lessingia germanorum</i>	1B	3-3-3
<i>Lessingia glandulifera</i> var. <i>tomentosa</i>	1B	2-1-3
<i>Lessingia micradenia</i> var. <i>glabrata</i>	1B	3-2-3
<i>Lessingia micradenia</i> var. <i>micradenia</i>	1B	3-2-3
<i>Lewisia cantelovii</i>	1B	2-2-3
<i>Lewisia congdonii</i>	1B	3-1-3
<i>Lewisia cotyledon</i> var. <i>heckneri</i>	1B	2-2-3

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<i>Lewisia disepala</i>	1B	2-2-3
<i>Lewisia longipetala</i>	1B	3-1-3
<i>Lewisia serrata</i>	1B	3-3-3
<i>Lewisia stebbinsii</i>	1B	3-2-3
<i>Lilaeopsis masonii</i>	1B	2-3-3
<i>Lilium maritimum</i>	1B	2-3-3
<i>Lilium occidentale</i>	1B	3-3-2
<i>Lilium pardalinum</i> ssp. <i>pitkinense</i>	1B	3-3-3
<i>Lilium parryi</i>	1B	2-2-2
<i>Limnanthes bakeri</i>	1B	3-3-3
<i>Limnanthes douglasii</i> ssp. <i>sulphurea</i>	1B	3-2-3
<i>Limnanthes floccosa</i> ssp. <i>bellingeriana</i>	1B	3-2-2

<i>Limnanthes floccosa</i> ssp. <i>californica</i>	1B	3-3-3
<i>Limnanthes gracilis</i> ssp. <i>parishii</i>	1B	2-2-3
<i>Limnanthes vinculans</i>	1B	2-3-3
<i>Linanthus concinnus</i>	1B	3-2-3
<i>Linanthus croceus</i>	1B	3-3-3
<i>Linanthus floribundus</i> ssp. <i>hallii</i>	1B	3-1-3
<i>Linanthus jepsonii</i>	1B	2-2-3
<i>Linanthus killipii</i>	1B	2-2-3
<i>Linanthus maculatus</i>	1B	3-2-3
<i>Linanthus nuttallii</i> ssp. <i>howellii</i>	1B	3-1-3
<i>Linanthus orcuttii</i>	1B	2-1-2
<i>Linanthus pygmaeus</i> ssp. <i>pygmaeus</i>	1B	3-2-2
<i>Linanthus rosaceus</i>	1B	3-3-3
<i>Linanthus serrulatus</i>	1B	2-2-3
<i>Lithophragma maximum</i>	1B	3-3-3
<i>Lomatium congdonii</i>	1B	2-2-3
<i>Lomatium insulare</i>	1B	2-2-2
<i>Lomatium observatorium</i>	1B	3-2-3
<i>Lomatium shevockii</i>	1B	3-1-3
<i>Lomatium stebbinsii</i>	1B	3-2-3
<i>Lonicera subspicata</i> var. <i>subspicata</i>	1B	2-2-3
<i>Lotus argophyllus</i> var. <i>adsurgens</i>	1B	3-3-3
<i>Lotus argyraeus</i> var. <i>multicaulis</i>	1B	3-1-3
<i>Lotus argyraeus</i> var. <i>notitius</i>	1B	3-1-3
<i>Lotus crassifolius</i> var. <i>otayensis</i>	1B	3-3-2
<i>Lotus dendroideus</i> var. <i>traskiae</i>	1B	3-3-3
<i>Lotus haydonii</i>	1B	2-1-2
<i>Lotus nuttallianus</i>	1B	3-3-2
<i>Lotus oblongifolius</i> var. <i>cupreus</i>	1B	2-1-3
<i>Lotus rubriflorus</i>	1B	3-3-3
<i>Lupinus antoninus</i>	1B	3-1-3
<i>Lupinus citrinus</i> var. <i>citrinus</i>	1B	2-2-3
<i>Lupinus citrinus</i> var. <i>deflexus</i>	1B	3-2-3
<i>Lupinus constancei</i>	1B	3-2-3
<i>Lupinus dalesiae</i>	1B	1-2-3
<i>Lupinus duranii</i>	1B	2-2-3
<i>Lupinus elmeri</i>	1B	3-2-3
<i>Lupinus excubitus</i> var. <i>medius</i>	1B	2-1-2
<i>Lupinus gracilentus</i>	1B	2-1-3
<i>Lupinus guadalupensis</i>	1B	3-2-2
<i>Lupinus latifolius</i> var. <i>barbatus</i>	1B	3-2-2
<i>Lupinus lepidus</i> var. <i>culbertsonii</i>	1B	3-1-3

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<i>Lupinus ludovicianus</i>	1B	3-2-3
<i>Lupinus magnificus</i> var. <i>hesperius</i>	1B	3-1-3
<i>Lupinus magnificus</i> var. <i>magnificus</i>	1B	3-1-3
<i>Lupinus milo-bakeri</i>	1B	2-3-3
<i>Lupinus nipomensis</i>	1B	3-3-3
<i>Lupinus padre-crowleyi</i>	1B	3-2-3
<i>Lupinus peirsonii</i>	1B	2-1-3
<i>Lupinus sericatus</i>	1B	2-2-3
<i>Lupinus spectabilis</i>	1B	2-2-3
<i>Lupinus tidestromii</i>	1B	3-3-3
<i>Lycium brevipes</i> var. <i>hassei</i>	1B	3-3-3
<i>Lyonothamnus floribundus</i> ssp. <i>aspleniifolius</i>	1B	2-2-3
<i>Lyonothamnus floribundus</i> ssp. <i>floribundus</i>	1B	3-2-3

<i>Machaeranthera canescens</i> var. <i>ziegleri</i>	1B	3-2-3
<i>Madia radiata</i>	1B	2-3-3
<i>Malacothamnus abbotii</i>	1B	3-3-3
<i>Malacothamnus aboriginum</i>	1B	2-2-3
<i>Malacothamnus arcuatus</i>	1B	2-2-3
<i>Malacothamnus clementinus</i>	1B	3-3-3
<i>Malacothamnus davidsonii</i>	1B	2-2-3
<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>	1B	3-3-3
<i>Malacothamnus hallii</i>	1B	3-2-3
<i>Malacothamnus palmeri</i> var. <i>involucratus</i>	1B	2-2-3
<i>Malacothamnus palmeri</i> var. <i>lucianus</i>	1B	3-2-3
<i>Malacothamnus palmeri</i> var. <i>palmeri</i>	1B	2-2-3
<i>Malacothrix foliosa</i> ssp. <i>crispifolia</i>	1B	3-2-3
<i>Malacothrix foliosa</i> ssp. <i>philbrickii</i>	1B	2-2-3
<i>Malacothrix indecora</i>	1B	3-3-3
<i>Malacothrix junakii</i>	1B	3-3-3
<i>Malacothrix saxatilis</i> var. <i>arachnoidea</i>	1B	3-2-3
<i>Malacothrix squalida</i>	1B	3-3-3
<i>Marina orcuttii</i> var. <i>orcuttii</i>	1B	3-1-2
<i>Maurandya petrophila</i>	1B	3-2-3
<i>Meconella oregana</i>	1B	3-3-2
<i>Mentzelia tridentata</i>	1B	2-1-3
<i>Microseris paludosa</i>	1B	2-2-3
<i>Mimulus evanescens</i>	1B	3-2-2
<i>Mimulus exiguus</i>	1B	2-2-2
<i>Mimulus filicaulis</i>	1B	2-2-3
<i>Mimulus gracilipes</i>	1B	2-2-3
<i>Mimulus mohavensis</i>	1B	2-2-3
<i>Mimulus norrisii</i>	1B	3-1-3
<i>Mimulus pictus</i>	1B	2-2-3
<i>Mimulus pulchellus</i>	1B	2-2-3
<i>Mimulus purpureus</i>	1B	2-2-2
<i>Mimulus shevockii</i>	1B	3-2-3
<i>Minuartia decumbens</i>	1B	3-2-3
<i>Minuartia howellii</i>	1B	2-1-2
<i>Minuartia stolonifera</i>	1B	3-1-3
<i>Monardella beneolens</i>	1B	3-1-3
<i>Monardella crispa</i>	1B	2-2-3
<i>Monardella douglasii</i> ssp. <i>venosa</i>	1B	3-3-3
<i>Monardella follettii</i>	1B	3-2-3
<i>Monardella frutescens</i>	1B	2-2-3

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<i>Monardella hypoleuca</i> ssp. <i>lanata</i>	1B	2-2-2
<i>Monardella linoides</i> ssp. <i>oblonga</i>	1B	3-1-3
<i>Monardella linoides</i> ssp. <i>viminea</i>	1B	2-3-2
<i>Monardella macrantha</i> ssp. <i>hallii</i>	1B	2-1-3
<i>Monardella nana</i> ssp. <i>leptosiphon</i>	1B	3-2-2
<i>Monardella palmeri</i>	1B	2-2-3
<i>Monardella robisonii</i>	1B	3-1-3
<i>Monardella stebbinsii</i>	1B	3-1-3
<i>Monardella villosa</i> ssp. <i>globosa</i>	1B	3-2-3
<i>Monolopia congdonii</i>	1B	2-2-3
<i>Muilla clevelandii</i>	1B	2-3-2
<i>Navarretia fossalis</i>	1B	2-3-2
<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	1B	2-3-3
<i>Navarretia leucocephala</i> ssp. <i>pauciflora</i>	1B	3-3-3

Navarretia leucocephala ssp. plieantha	1B	3-2-3
Navarretia myersii ssp. deminuta	1B	3-3-3
Navarretia myersii ssp. myersii	1B	3-3-3
Navarretia nigelliformis ssp. radians	1B	2-2-3
Navarretia peninsularis	1B	2-2-2
Navarretia prostrata	1B	2-3-3
Navarretia rosulata	1B	2-2-3
Navarretia setiloba	1B	3-3-3
Nemacaulis denudata var. denudata	1B	2-2-2
Nemacladus twisselmannii	1B	3-2-3
Neostapfia colusana	1B	2-3-3
Neviusia cliftonii	1B	3-2-3
Nitrophila mohavensis	1B	3-3-2
Nolina cismontana	1B	3-2-3
Nolina interrata	1B	3-3-2
Oenothera californica ssp. eurekaensis	1B	3-2-3
Oenothera deltoides ssp. howellii	1B	3-3-3
Oenothera wolfii	1B	3-3-2
Opuntia basilaris var. brachyclada	1B	3-2-3
Opuntia basilaris var. treleasei	1B	3-3-3
Opuntia californica var. californica	1B	3-3-2
Opuntia munzii	1B	3-1-3
Orcuttia californica	1B	3-3-2
Orcuttia inaequalis	1B	2-3-3
Orcuttia pilosa	1B	2-3-3
Orcuttia tenuis	1B	2-3-3
Orcuttia viscida	1B	3-3-3
Oreonana purpurascens	1B	2-2-3
Oreonana vestita	1B	2-1-3
Oreostemma elatum	1B	3-2-3
Orobanche valida ssp. valida	1B	3-2-3
Orthocarpus pachystachyus	1B	3-3-3
Oxytheca emarginata	1B	2-1-3
Oxytheca parishii var. abramsii	1B	2-2-3
Oxytheca parishii var. cienegensis	1B	3-1-3
Oxytheca parishii var. goodmaniana	1B	3-3-3
Palafoxia arida var. gigantea	1B	2-1-2
Parnassia cirrata	1B	2-1-3
Paronychia ahartii	1B	3-2-3
Pedicularis dudleyi	1B	3-2-3

Attachment 1-15

Penstemon albomarginatus	1B	3-2-2
Penstemon californicus	1B	3-2-2
Penstemon filiformis	1B	2-1-3
Penstemon fruticiformis var. amargosae	1B	3-1-2
Penstemon newberryi var. sonomensis	1B	3-1-3
Penstemon personatus	1B	2-2-3
Penstemon rattanii var. kleei	1B	3-2-3
Penstemon stephensii	1B	2-1-3
Penstemon sudans	1B	2-1-2
Penstemon tracyi	1B	3-1-3
Pentachaeta bellidiflora	1B	3-3-3
Pentachaeta exilis ssp. aeolica	1B	3-2-3
Pentachaeta lyonii	1B	3-3-3
Perityle inyoensis	1B	3-2-3
Perityle villosa	1B	3-1-3

<i>Petalonyx thurberi</i> ssp. <i>gilmanii</i>	1B	2-1-3
<i>Petrophyton caespitosum</i> ssp. <i>acuminatum</i>	1B	3-1-3
<i>Phacelia argentea</i>	1B	3-3-2
<i>Phacelia ciliata</i> var. <i>opaca</i>	1B	3-1-3
<i>Phacelia cookei</i>	1B	3-3-3
<i>Phacelia floribunda</i>	1B	3-2-2
<i>Phacelia greenei</i>	1B	2-2-3
<i>Phacelia insularis</i> var. <i>continentis</i>	1B	3-2-3
<i>Phacelia insularis</i> var. <i>insularis</i>	1B	3-2-3
<i>Phacelia inundata</i>	1B	2-1-2
<i>Phacelia inyoensis</i>	1B	2-2-3
<i>Phacelia leonis</i>	1B	2-1-2
<i>Phacelia monoensis</i>	1B	3-3-2
<i>Phacelia mustelina</i>	1B	2-1-2
<i>Phacelia nashiana</i>	1B	1-2-3
<i>Phacelia novenmillensis</i>	1B	3-2-3
<i>Phacelia parishii</i>	1B	3-3-2
<i>Phacelia perityloides</i> var. <i>jaegeri</i>	1B	3-1-2
<i>Phacelia phacelioides</i>	1B	3-2-3
<i>Phacelia stebbinsii</i>	1B	2-2-3
<i>Phacelia stellaris</i>	1B	3-3-2
<i>Phacelia suaveolens</i> ssp. <i>keckii</i>	1B	3-1-3
<i>Phlox dolichantha</i>	1B	2-2-3
<i>Phlox hirsuta</i>	1B	3-2-3
<i>Pholisma sonorae</i>	1B	2-2-2
<i>Pinus contorta</i> ssp. <i>bolanderi</i>	1B	2-2-3
<i>Pinus radiata</i>	1B	3-3-2
<i>Pinus torreyana</i> ssp. <i>insularis</i>	1B	3-2-3
<i>Pinus torreyana</i> ssp. <i>torreyana</i>	1B	3-2-3
<i>Piperia elegans</i> ssp. <i>decurtata</i>	1B	3-3-3
<i>Piperia yadonii</i>	1B	3-3-3
<i>Plagiobothrys chorisianus</i> var. <i>chorisianus</i>	1B	2-2-3
<i>Plagiobothrys diffusus</i>	1B	3-3-3
<i>Plagiobothrys parishii</i>	1B	3-3-3
<i>Plagiobothrys strictus</i>	1B	3-3-3
<i>Plagiobothrys torreyi</i> var. <i>torreyi</i>	1B	3-2-3
<i>Plagiobothrys uncinatus</i>	1B	2-2-3
<i>Platystemon californicus</i> var. <i>ciliatus</i>	1B	3-2-3
<i>Pleuropogon hooverianus</i>	1B	3-3-3
<i>Poa atropurpurea</i>	1B	2-2-3

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<i>Poa napensis</i>	1B	3-3-3
<i>Pogogyne abramsii</i>	1B	2-3-3
<i>Pogogyne clareana</i>	1B	3-2-3
<i>Pogogyne floribunda</i>	1B	2-2-3
<i>Pogogyne nudiuscula</i>	1B	3-3-2
<i>Polemonium chartaceum</i>	1B	3-1-2
<i>Polyctenium williamsiae</i>	1B	3-2-2
<i>Polygonum hickmanii</i>	1B	3-3-3
<i>Polygonum polygaloides</i> ssp. <i>esotericum</i>	1B	3-3-3
<i>Potentilla basaltica</i>	1B	3-1-2
<i>Potentilla cristae</i>	1B	3-1-3
<i>Potentilla glandulosa</i> ssp. <i>ewanii</i>	1B	3-1-3
<i>Potentilla hickmanii</i>	1B	3-3-3
<i>Potentilla morefieldii</i>	1B	2-1-3
<i>Pseudobahia bahiifolia</i>	1B	2-3-3
<i>Pseudobahia peirsonii</i>	1B	2-3-3

<i>Puccinellia howellii</i>	1B	3-3-3
<i>Puccinellia parishii</i>	1B	3-3-2
<i>Pyrrocoma lucida</i>	1B	3-1-3
<i>Pyrrocoma uniflora</i> var. <i>gossypina</i>	1B	2-2-3
<i>Quercus dumosa</i>	1B	2-3-2
<i>Quercus parvula</i> var. <i>tamalpaisensis</i>	1B	3-1-3
<i>Raillardella pringlei</i>	1B	2-2-3
<i>Rhynchospora californica</i>	1B	3-3-3
<i>Ribes canthariforme</i>	1B	3-1-3
<i>Ribes divaricatum</i> var. <i>parishii</i>	1B	3-3-3
<i>Ribes menziesii</i> var. <i>ixoderme</i>	1B	2-2-3
<i>Ribes thacherianum</i>	1B	2-2-3
<i>Ribes tulareense</i>	1B	2-1-3
<i>Ribes viburnifolium</i>	1B	2-2-2
<i>Rorippa columbiae</i>	1B	3-2-2
<i>Rorippa gambelii</i>	1B	3-3-2
<i>Rorippa subumbellata</i>	1B	3-3-2
<i>Rosa pinetorum</i>	1B	3-2-3
<i>Rubus glaucifolius</i> var. <i>ganderi</i>	1B	3-1-3
<i>Rupertia hallii</i>	1B	3-2-3
<i>Sagittaria sanfordii</i>	1B	2-2-3
<i>Salvia brandegeei</i>	1B	2-2-2
<i>Salvia greatae</i>	1B	2-1-3
<i>Sanicula maritima</i>	1B	3-3-3
<i>Sanicula saxatilis</i>	1B	3-2-3
<i>Satureja chandleri</i>	1B	2-2-2
<i>Scrophularia atrata</i>	1B	2-2-3
<i>Scrophularia villosa</i>	1B	3-2-3
<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	1B	2-2-3
<i>Sedella leiocarpa</i>	1B	3-3-3
<i>Sedum albomarginatum</i>	1B	3-2-3
<i>Sedum eastwoodiae</i>	1B	3-2-3
<i>Sedum oblanceolatum</i>	1B	3-3-2
<i>Sedum paradisum</i>	1B	3-1-3
<i>Senecio bernardinus</i>	1B	2-2-3
<i>Senecio clevelandii</i> var. <i>heterophyllus</i>	1B	3-2-3
<i>Senecio eurycephalus</i> var. <i>lewisrosei</i>	1B	2-2-3
<i>Senecio ganderi</i>	1B	3-2-3
<i>Senecio layneae</i>	1B	2-2-3

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<i>Senecio pattersonensis</i>	1B	2-1-2
<i>Sibara filifolia</i>	1B	3-3-3
<i>Sibaropsis hammittii</i>	1B	3-2-3
<i>Sidalcea calycosa</i> ssp. <i>rhizomata</i>	1B	2-2-3
<i>Sidalcea covillei</i>	1B	2-3-3
<i>Sidalcea hickmanii</i> ssp. <i>anomala</i>	1B	3-2-3
<i>Sidalcea hickmanii</i> ssp. <i>hickmanii</i>	1B	2-1-3
<i>Sidalcea hickmanii</i> ssp. <i>parishii</i>	1B	3-2-3
<i>Sidalcea hickmanii</i> ssp. <i>viridis</i>	1B	3-1-3
<i>Sidalcea keckii</i>	1B	3-3-3
<i>Sidalcea malachroides</i>	1B	2-2-2
<i>Sidalcea malviflora</i> ssp. <i>patula</i>	1B	3-2-2
<i>Sidalcea malviflora</i> ssp. <i>purpurea</i>	1B	2-2-3
<i>Sidalcea oregana</i> ssp. <i>eximia</i>	1B	3-2-3
<i>Sidalcea oregana</i> ssp. <i>hydrophila</i>	1B	2-2-3
<i>Sidalcea oregana</i> ssp. <i>valida</i>	1B	3-3-3
<i>Sidalcea pedata</i>	1B	3-3-3

<i>Sidalcea robusta</i>	1B	2-2-3
<i>Sidalcea stipularis</i>	1B	3-3-3
<i>Silene marmorensis</i>	1B	2-2-3
<i>Silene occidentalis</i> ssp. <i>longistipitata</i>	1B	3-2-3
<i>Silene verecunda</i> ssp. <i>verecunda</i>	1B	3-2-3
<i>Sisyrinchium funereum</i>	1B	3-1-2
<i>Smelowskia ovalis</i> var. <i>congesta</i>	1B	3-2-3
<i>Smilax jamesii</i>	1B	2-1-3
<i>Solanum wallacei</i>	1B	3-3-2
<i>Sphaeralcea rusbyi</i> var. <i>eremicola</i>	1B	3-2-3
<i>Stebbinsoseris decipiens</i>	1B	2-2-3
<i>Stephanomeria blairii</i>	1B	3-2-3
<i>Streptanthus albidus</i> ssp. <i>albidus</i>	1B	3-3-3
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	1B	2-2-3
<i>Streptanthus batrachopus</i>	1B	3-1-3
<i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i>	1B	3-2-3
<i>Streptanthus brachiatus</i> ssp. <i>hoffmanii</i>	1B	3-2-3
<i>Streptanthus breweri</i> var. <i>hesperidis</i>	1B	2-2-3
<i>Streptanthus callistus</i>	1B	3-1-3
<i>Streptanthus campestris</i>	1B	2-1-2
<i>Streptanthus cordatus</i> var. <i>piutensis</i>	1B	3-2-3
<i>Streptanthus fenestratus</i>	1B	2-1-3
<i>Streptanthus glandulosus</i> ssp. <i>pulchellus</i>	1B	3-2-3
<i>Streptanthus glandulosus</i> var. <i>hoffmanii</i>	1B	3-1-3
<i>Streptanthus gracilis</i>	1B	2-1-3
<i>Streptanthus hispidus</i>	1B	3-1-3
<i>Streptanthus howellii</i>	1B	3-2-2
<i>Streptanthus insignis</i> ssp. <i>lyonii</i>	1B	3-2-3
<i>Streptanthus morrisonii</i> ssp. <i>elatus</i>	1B	3-2-3
<i>Streptanthus morrisonii</i> ssp. <i>hirtiflorus</i>	1B	3-2-3
<i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i>	1B	3-2-3
<i>Streptanthus morrisonii</i> ssp. <i>morrisonii</i>	1B	3-2-3
<i>Streptanthus niger</i>	1B	3-3-3
<i>Streptanthus oliganthus</i>	1B	2-2-2
<i>Stylocline citroleum</i>	1B	3-3-3
<i>Stylocline masonii</i>	1B	3-3-3
<i>Suaeda californica</i>	1B	3-3-3
<i>Suaeda esteroa</i>	1B	2-2-2

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<i>Swallenia alexandrae</i>	1B	3-2-3
<i>Taraxacum californicum</i>	1B	3-2-3
<i>Tauschia howellii</i>	1B	3-1-2
<i>Tetracoccus dioicus</i>	1B	3-2-2
<i>Tetracoccus ilicifolius</i>	1B	3-1-3
<i>Thelypodium howellii</i> ssp. <i>howellii</i>	1B	2-2-2
<i>Thelypodium stenopetalum</i>	1B	3-3-3
<i>Thermopsis californica</i> var. <i>semota</i>	1B	2-2-3
<i>Thermopsis macrophylla</i>	1B	3-1-3
<i>Thermopsis robusta</i>	1B	2-2-3
<i>Thlaspi californicum</i>	1B	3-3-3
<i>Thysanocarpus conchuliferus</i>	1B	3-2-3
<i>Tracyina rostrata</i>	1B	3-2-3
<i>Trichostema austromontanum</i> ssp. <i>compactum</i>	1B	3-3-3
<i>Trifolium amoenum</i>	1B	3-3-3
<i>Trifolium bolanderi</i>	1B	2-2-3
<i>Trifolium buckwestiorum</i>	1B	3-3-3
<i>Trifolium dedeckeriae</i>	1B	3-1-3

<i>Trifolium depauperatum</i> var. <i>hydrophilum</i>	1B	3-2-3
<i>Trifolium jokerstii</i>	1B	3-2-3
<i>Trifolium polyodon</i>	1B	3-3-3
<i>Trifolium trichocalyx</i>	1B	3-3-3
<i>Triphysaria floribunda</i>	1B	2-2-3
<i>Triteleia clementina</i>	1B	3-2-3
<i>Triteleia ixioides</i> ssp. <i>cookii</i>	1B	2-1-3
<i>Tuctoria greenei</i>	1B	2-3-3
<i>Tuctoria mucronata</i>	1B	3-3-3
<i>Twisselmannia californica</i>	1B	3-3-3
<i>Verbena californica</i>	1B	3-3-3
<i>Verbesina dissita</i>	1B	3-3-2
<i>Viola pinetorum</i> ssp. <i>grisea</i>	1B	3-1-3
<i>Viola primulifolia</i> ssp. <i>occidentalis</i>	1B	2-2-2
<i>Wyethia reticulata</i>	1B	2-2-3
<i>Xylorhiza cognata</i>	1B	2-2-3
<i>Xylorhiza orcuttii</i>	1B	2-2-2